

POWER POXY

Adhering to the Highest Standard

BUILDING & REPAIRING WHAT THE WORLD MAKES OR BREAKS!

Power Poxy® Adhesives, Inc. 2885 S. 171st Street • New Berlin, WI 53151 • 414-821-1999 • FAX 414-821-5055 • 1-800-248-POXY

POXY MARINE

"GEL-COAT" WHITE EPOXY PASTE ADHESIVE

POXY MARINE EPOXY PASTE is a two component structural epoxy adhesive formulated for the extreme marine environment. Can be used to fill gelcoat as well as repair leaks, cracks, and stripped screw holes. UV stabilized to stay white. Bonds Underwater - in fresh and salt water. Will not Rust. Can be sanded, machined, drilled, sawed and painted when cured. Won't sag, run or shrink. If you own a boat, this is your repair product.

PHYSICAL PROPERTIES

UNMIXED STATE

Base Compound:
Appearance:
Viscosity (cps@68Deg.F):
Specific Gravity (g/cc):
Flash Point (TCC):
Shelf Life@40Deg. F:
Setting Time (3oz): (77Deg.F, 65%R.H.)
Metal/Metal
Plastic/Plastic
Rubber/Rubber
SPI Classification
Freight Class

Part A: Epoxy Resin Part B: Amine
White Paste Amber Paste
Thixotropic
1.30
> 200 Deg F. for A and B
Two years in unopened containers

12 Minutes
12 Minutes
12 Minutes

Part A: 4 Part B: 4
Part A: 1 Part B: 2

MIXED (Cured State)

Mix Ratio
Appearance:
Service Temperature Range:
Vapor Pressure (mm Hg):
Vapor Density (Air=1):
Handling Strength
Full Cure Time:
Coefficient of Thermal Expansion (in/in/DegF):
Tensile Strength: Aluminum/Aluminum
Solubility in Water:

1 to 1
Bright White Solid
-65 Deg.F to 250 Deg.F
Nil
>1
1 -2 Hours
24 Hours
.001
3520 psi
Negligible

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NIHA HAZARD RATINGS

HEALTH 2 FLAMMABILITY 0 REACTIVITY 2 OTHER NONE

SECTION I: PRODUCT IDENTIFICATION*****

TRADE NAME:	FORMULA/MOLECULAR WEIGHT:
POXY MARINE	N/A - MIXTURE
CHEMICAL NAME/SYNONYMS:	CAS NUMBER
EPOXY RESIN & ALIPHATIC AMINE	N/A - MIXTURE
CURING AGENT	
COMMON NAME:	DOT HAZARD CLASSIFICATION
Epoxy Resin and Hardener	NON-HAZARDOUS
TECHNICAL CONTACT	TELEPHONE NUMBER EMERGENCY NUMBER
BRYAN CLARK	(414) 821-1999 1-800-248-POXY

SECTION II: PRODUCT DESCRIPTION*****

APPEARANCE: WHITE GREY PASTE	ODOR: SLIGHT AMMONIA SMELL
PHYSICAL PROPERTIES*****	
BOILING POINT: > 225 DEG F	SPECIFIC GRAVITY (h ₂ O = 1): 1.45
PERCENT VOLATILES: 0 AT 70 DEG F	WATER MISCIBILITY: NEGLIBLE
EVAPORATION RATE: <1	VAPOR PRESSURE: NIL

*******HAZARDOUS COMPONENTS*******

LISTED BELOW ARE HAZARDOUS COMPONENT(S) AS DEFINED IN 49 CFR 172 AND 29 CFR 1910 WHICH ARE PRESENT IN THIS PRODUCT AND ALL COMPONENTS WHICH APPEAR ON THE HAZARDOUS SUBSTANCE LIST OF ANY STATE.

Hazardous Components	%	ACGIH TLV (Units)
Part B: Contains amines with no established TLV.	10-15	
Hazard: Corrosive; possible irritant.		

SECTION III: FIRE AND EXPLOSION DATA *****

FLASH POINT: > 200 DEG F	TEST METHOD: CLOSED CUP
LOWER FLAMMABLE LIMIT - N/A	UPPER FLAMMABLE LIMIT - N/A

RECOMMENDED EXTINGUISHING MEDIA: WATER SPRAY, CO₂, FOAM, DRY CHEMICAL
UNUSUAL FIRE OR EXPLOSION HAZARDS (CONDITIONS TO AVOID): NONE

SPECIAL FIRE FIGHTING PROCEDURES:

AVOID BREATHING SMOKE. IN CONFINED AREAS, FULL FIRE FIGHTING
EQUIPMENT INCLUDING NIOSH APPROVED SELF-CONTAINED BREATHING
APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.



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SECTION IV: REACTIVITY DATA*****

PRODUCT IS STABLE UNDER NORMAL CONDITIONS.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS,
STRONG ACIDS AND BASES

HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON AND NITROGEN.

HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

CONDITIONS TO AVOID: LARGE MIXTURES IN BULK. CURING PROCESS IS EXOTHERMIC

SECTION V: ACUTE HEALTH AND SAFETY DATA*****

ANSI HAZARD CLASS PART A: 4 PART B: 4

SIGNS AND SYMPTOMS OF EXPOSURE:

INHALATION: A: SEVERELY IRRITATING TO SKIN AND EYES. POSSIBLE SKIN
SENSITIZER. B: VAPORS ARE IRRITATING AND MAY CAUSE
IRRITATION OF RESPIRATORY TRACT.

INGESTION: A: MODERATE TOXICITY. MAY BE HARMFUL
B: MODERATE TOXICITY. MAY CAUSE BURNS OF MOUTH AND
THROAT

SKIN ABSORPTION: A: MAY POSSIBLY BE ABSORBED THROUGH SKIN IN
TOXIC AMOUNTS.

B: REPEATED AND PROLONGED EXPOSURE MAY BE
HARMFUL.

EYE CONTACT: A: MODERATELY IRRITATING

B: MODERATELY IRRITATING; PERMANENT DAMAGE
POSSIBLE ON PROLONGED EXPOSURE

SKIN CONTACT: A: SEVERELY IRRITATING

B: MAY CAUSE CHEMICAL BURNS. MAY DEVELOP
ALLERGIC SKIN REACTION

SECTION VI: HANDLING PRECAUTIONS / FIRST AID RECOMMENDATIONS*****

SKIN CONTACT:

REMOVE CONTAMINATED CLOTHING. WASH FROM SKIN WITH SOAP AND
WATER. LAUNDER CLOTHING PRIOR TO RE-USE.

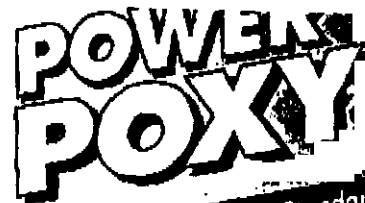
EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS
OPEN. GET MEDICAL ATTENTION.

INHALATION:

CAUTION! VAPORS MAY CAUSE IRRITATION OF NOSE AND BRONCHIAL
PASSAGES. AVOID PROLONGED INHALATION. FIRST AID: MOVE TO
FRESH AIR. IF SYMPTOMS PERSIST, CALL A PHYSICIAN IMMEDIATELY.

ORAL INGESTION:

DON'T INDUCE VOMITING. GIVE LARGE DOSES OF WATER. CALL A



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OTHER:

NO CARCINOGENICITY, MUTAGENICITY OR TERATOGENICITY EFFECTS ARE KNOWN. NO EFFECTS OF CHRONIC EXPOSURE OR TARGET ORGAN EFFECTS ARE KNOWN. NTP: NO IARC: NO OSHA: NO

SECTION VII: SPILL PROCEDURES*****

STEPS TO TAKE IF SPILLED:

AVOID CONTACT WITH LIQUID AND VAPORS. WIPE WITH A CLOTH OR COLLECT ON ABSORBENT MATERIAL. LARGE SPILLS: DIKE & CONTAIN. PUMP OR SHOVEL INTO SALVAGE VESSELS

WASTE DISPOSAL:

CURE, THEN BURY OR INCINERATE WHERE PERMITTED BY FEDERAL, STATE, AND LOCAL REGULATIONS. REMOVE SALVAGE VESSELS TO A WASTE DISPOSAL SITE OPERATING IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION VIII: SPECIAL PROTECTION INFORMATION*****

VENTILATION REQUIREMENTS: LOCAL EXHAUST

PERSONAL PROTECTIVE EQUIPMENT RECOMMENDED.

EYE PROTECTION: SPLASH PROOF CHEMICAL GOGGLES

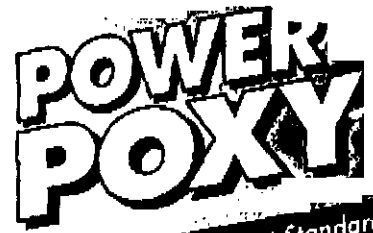
SKIN PROTECTION: IMPERVIOUS RUBBER AND APRON

RESPIRATORY PROTECTION: FOR EXCESSIVE VAPORS OR TO MAINTAIN BELOW TLV LIMITS. NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPORS IN COMPLIANCE WITH 29.CFR 1910.134

SECTION IX: HANDLING AND STORAGE*****

STORE IN A COOL, DRY AREA IN TIGHTLY CLOSED CONTAINERS. AVOID CONTACT WITH SKIN AND EYES. USE WITH ADEQUATE VENTILATION. USE GOOD HYGIENE PRACTICES.

**D.O.T. CLASS: A: NOT REGULATED
B: CORROSIVE LIQUID UN 1760.**



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DATE: MARCH 1, 1995

PACKAGED BY: POWER POXY ADHESIVES, INC. PACKAGING DIVISION. .